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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/653,196	09/03/2003	Win-Haw Chen	TAIW 166	1748
7590	09/09/2004		EXAMINER	
RABIN & CHAMPAGNE, P.C. Suite 500 1101 14 Street, N.W. Washington, DC 20005			BRITTAINE, JAMES R	
			ART UNIT	PAPER NUMBER
			3677	

DATE MAILED: 09/09/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/653,196	CHEN ET AL. <i>[Signature]</i>	
	Examiner James R. Brittain	Art Unit 3677	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) Responsive to communication(s) filed on \_\_\_\_\_.
- 2a) This action is FINAL.                    2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) Claim(s) 1-5 is/are pending in the application.
  - 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) Claim(s) \_\_\_\_\_ is/are allowed.
- 6) Claim(s) 1-5 is/are rejected.
- 7) Claim(s) \_\_\_\_\_ is/are objected to.
- 8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on 03 September 2003 is/are: a) accepted or b) objected to by the Examiner.
 

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) All    b) Some \* c) None of:
    1. Certified copies of the priority documents have been received.
    2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- 1) Notice of References Cited (PTO-892)
- 2) Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_.
- 4) Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- 5) Notice of Informal Patent Application (PTO-152)
- 6) Other: \_\_\_\_\_.

## **DETAILED ACTION**

### ***Oath/Declaration***

The oath or declaration is defective. A new oath or declaration in compliance with 37 CFR 1.67(a) identifying this application by application number and filing date is required. See MPEP §§ 602.01 and 602.02.

The oath or declaration is defective because:

It does not state that the person making the oath or declaration acknowledges the duty to disclose to the Office all information known to the person to be material to patentability as defined in 37 CFR 1.56.

Instead applicant qualifies compliance to one section 37 CFR 1.56(a). Compliance with the entire rule, not just one section is required.

### ***Claim Objections***

Claims 1-5 are objected to because of the following informalities: The term “turn able” (claim 1, line 3) is improper in context and --pivotal-- is suggested. The limitation “on other side” (claim 1, line 3) is improper in context and --on another side-- is suggested. The remaining claims are objected because they depend from an objected to claim. Appropriate correction is required.

### ***Claim Rejections - 35 USC § 112***

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claim 2 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

The limitation "when being separated from the latch hook" (lines 3-4) is misdescriptive because the locking member is integral with the latch hook and does not separate from the latch hook.

***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

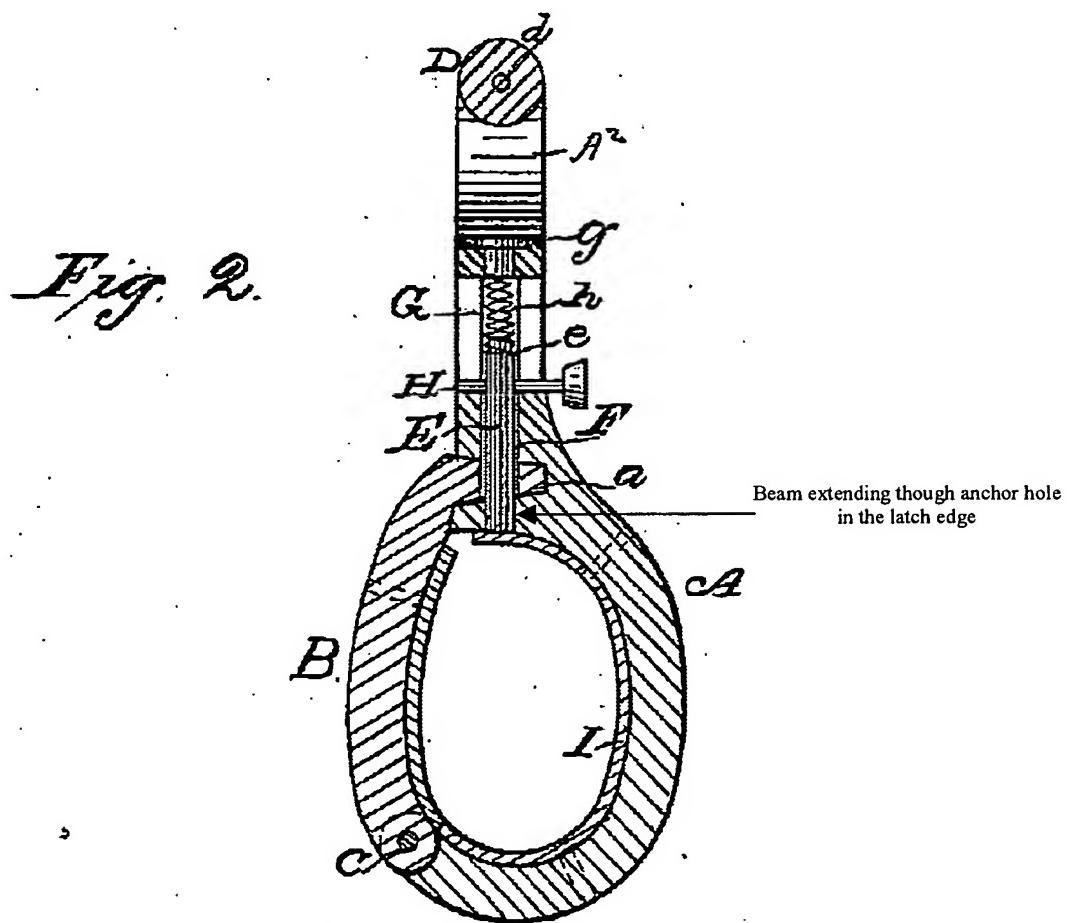
A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1 and 3-5 are rejected under 35 U.S.C. 102(b) as being anticipated by Klinkner (US 343037).

Klinkner (figures 1, 2) teaches an unlocking mechanism inherently capable of being used for a retention module holder which has a fastening stand, A, capable of holding a conformingly shaped curved radiator and a locking member, B, having a pivot end, c, on one side to engage with the fastening stand in a pivotal manner and a latch hook in the form of an opening, b', on other side opposing to the pivot end inherently capable of latching on a radiator at a latched position and to inherently separate from a radiator at a release position, the unlocking mechanism comprising: a latch ledge located on one side of the fastening stand opposite to the pivot end of the locking member having an anchor hole corresponding to the locking member at the latched position; a beam, E, movably coupled on the fastening stand on one side corresponding to the latch hook having an actuating part, H, and a protruding part opposing the actuating part and corresponding to the latch hook at the latched position; and a spring, G, coupled on one side of

the beam remote from the protruding part to allow the protruding part to engage with the anchor hole in normal conditions; where the actuating part been moved by external forces to deform the spring and move the protruding part to allow the protruding part to be wedged in the latch hook and the anchor hole so that the locking member is inherently capable of being latched on a radiator at the latched position, and allow the protruding part to be separated from the latch hook so that the locking member is inherently capable of being separated from a radiator at the release position.



Only the unlocking mechanism is claimed and not the combination with a radiator.

In regard to claim 3, the fastening stand, A, has a surface defining a bore acting as a guide structure for the beam, E, that abuts the beam on all sides and therefor meets the claim language of abutting two sides of the beam.

As to claims 4 and 5, the space, D', is a fastening hole inherently capable of receiving not just a fastening strap capable of fastening the fastening stand, A, to a heat-generating device if so desired but also a screw having a head that would cover the structure defining the space, D', and thus secure the mechanism to a heat-generating device.

***Allowable Subject Matter***

Claim 2 would be allowable if rewritten to overcome the rejection(s) under 35 U.S.C. 112, 2nd paragraph, set forth in this Office action and to include all of the limitations of the base claim and any intervening claims.

***Conclusion***

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. The patents of Bright et al. (US 5448449, figure 1), Ju (US 6344971, figure 2), Chen et al. (US 6519150, figure 1) and McHugh et al. (US 6758691, figure 1) teach pertinent fastener structure.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to James R. Brittain whose telephone number is (703) 308-2222. The examiner can normally be reached on M-F 5:30-2:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, J. J. Swann can be reached on (703) 306-4115. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



James R. Brittain  
Primary Examiner  
Art Unit 3677

JRB